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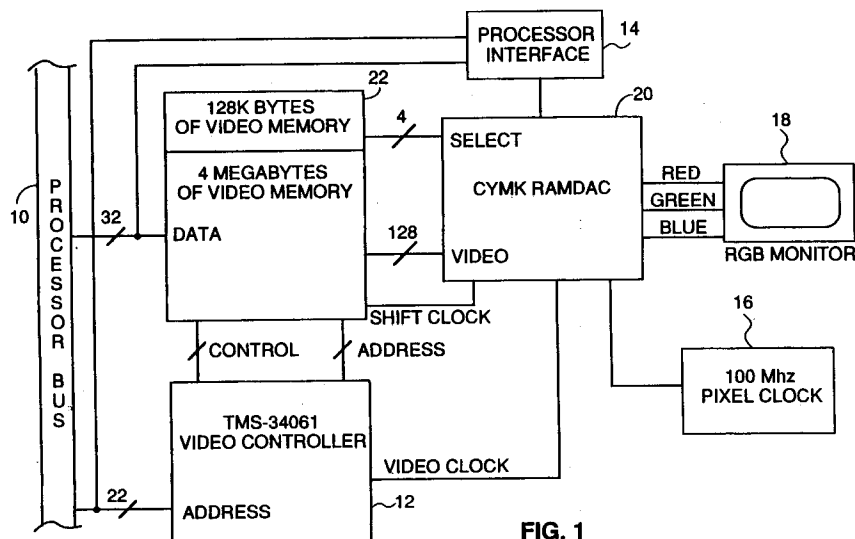
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10.06.92 Bulletin 92/24(71) Applicant: **RASTEROPS CORPORATION**
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London WC1V 6RY(GB)(54) **Method and apparatus for color data display.**

(57) A thirty-two bit frame buffer provides real time conversion of CYMK color data to RGB color data for display on a video monitor (18). The frame buffer operates at a video rate of 100 MHz and includes pipelined arithmetic using look up tables for some of

the CYMK to RGB conversion steps. Also provided are look up tables providing gamma correction and pixel-by-pixel selection of CYMK to RGB conversion, to allow display of an RGB window in a CYMK information display.

**FIG. 1****EP 0 466 374 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 91 30 5930

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X A	EP-A-0 188 098 (CROSFIELD ELECTRONICS LTD) * page 4, line 1 - page 5, line 13 * * page 6, line 4 - line 15 * * page 7, line 4 - page 8, line 3; figures * ---	1-2 3-16	H04N1/46
X A	EP-A-0 338 457 (SCITEX CORPORATION LTD) * column 2, line 50 - column 4, line 34 * * column 5, line 15 - column 7, line 17 * ---	1-2 3-16	
X A	EP-A-0 209 266 (CROSFIELD ELECTRONICS LTD) * column 2, line 8 - line 27; figure 1 * * column 2, line 42 - column 3, line 6 * ---	1 2-16	
A	US-A-4 349 835 (HORIGUCHI ET AL) * abstract; figure 1 * * column 1, line 65 - column 3, line 14 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H04N G09G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09 APRIL 1992	Examiner ISA S.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			